



DEPARTMENT OF THE NAVY
NAVAL SURFACE FORCE
UNITED STATES PACIFIC FLEET
2841 RENDOVA ROAD
SAN DIEGO CALIFORNIA 92155-5490

COMNAVSURFPACINST 5450.39
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17 Oct 2019

COMNAVSURFPAC INSTRUCTION 5450.39

From: Commander, Naval Surface Force, U.S. Pacific Fleet

Subj: MISSION, FUNCTIONS, AND TASKS OF COMMANDER, SURFACE
DEVELOPMENT SQUADRON ONE

Encl: (1) Functions and Tasks

1. Purpose. To publish the mission, functions, and tasks of Commander, Surface Development Squadron ONE (COMSURFDEVRON ONE).

2. Mission. To conduct development operations to accelerate new capabilities to the surface force in support of fleet commander warfighting requirements and to maintain readiness of assigned ships and unmanned surface vessels.

3. Status and Command Relationships. COMSURFDEVRON ONE is an echelon 4 shore activity in an active (fully operational) status under a commodore. COMSURFDEVRON ONE has a supporting relationship with Naval Surface and Mine Warfighting Development Center (SMWDC) for surface force capability development operations.

a. Command

Commander
Surface Development Squadron ONE
4040 Cummings Road
San Diego CA 92136-5225

(1) Administrative echelon

- 1 Chief of Naval Operations
- 2 Commander, U.S. Pacific Fleet
- 3 Commander, Naval Surface Force, U.S. Pacific Fleet
- 4 Commander, Surface Development Squadron ONE

(2) Operational echelon

- 1 Commander, U.S. Indo-Pacific Command
- 2 Commander, U.S. Pacific Fleet
- 3 Commander, U.S. Third Fleet
- 4 Commander, Surface Development Squadron ONE

b. Area Coordination

(1) Area and shore installation coordinator: Commander, U.S. Pacific Fleet and Commander, Navy Installations Command.

(2) Regional coordinator (regional commander): Commander, Navy Region Southwest.

(3) Local coordinator (base commander): Commanding Officer, Naval Base, San Diego, CA.

c. COMSURFDEVIRON ONE is authorized direct liaison with all commands, agencies, program offices, research and development laboratories, industry, and support personnel when executing the capability development mission.

4. Command, Tenant, Supported, and Supporting Activities and Detachments

a. Immediate-superior-in-command of

- (1) USS *Zumwalt* (DDG 1000);
- (2) USS *Michael Monsoor* (DDG 1001);
- (3) PCU *Lyndon B. Johnson* (DDG 1002); and
- (4) Medium and large unmanned surface vessels.

b. Receives support from

- (1) SMWDC;
- (2) Naval Information Warfare Center Pacific, San Diego, CA;
- (3) Afloat Training Group (ATG) Pacific, San Diego, CA;
- (4) ATG Pacific Detachment San Diego, CA;
- (5) Southwest Regional Maintenance Center, San Diego, CA;
- (6) Naval Supply Systems Command, Fleet Logistics Center, San Diego, CA;
- (7) Personnel Support Activity Detachment, San Diego, CA;

- (8) Region Legal Service Office Southwest, San Diego, CA;
- (9) Naval Surface Warfare Center detachments;
- (10) ZUMWALT Training Facility;
- (11) Commander, Navy Reserve Force; and
- (12) Program Executive Office Ships and Unmanned/Small Combatants.

c. Provides support to

- (1) SMWDC; and
- (2) Task Force/Group Commanders.

5. Functions and Tasks

a. Functions are requirements derived from the principal elements of an activity's mission; elements that differentiate one activity from another.

b. Tasks are requirements levied on an activity which are not directly derived from its mission but which are accomplished in connection with existing program policy directives or written tasking agreements. All tasking agreements must have chain of command approval and be in writing.

6. Action. In accomplishing the assigned missions, COMSURFDEVRON ONE will ensure performance of the functions and tasks in enclosure (1). COMSURFDEVRON ONE will recommend changes and revisions to this document to Commander, Naval Surface Force, U.S. Pacific Fleet (COMNAVSURFPAC) as needed.

7. Records Management. Records created as a result of this instruction, regardless of media and format, must be managed per Secretary of the Navy Manual 5210.1 of January 2012.

8. Review and Effective Date. Per OPNAVINST 5215.17A, COMNAVSURFPAC will review this instruction annually around the anniversary of its issuance date to ensure applicability, currency, and consistency with Federal, DoD, SECNAV, and Navy policy and statutory authority using OPNAV 5215/40 Review of Instruction. This instruction will be in effect for 10 years, unless revised or cancelled in the interim, and will be reissued by the 10-year anniversary date if it is still required, unless it meets one of the exceptions in OPNAVINST 5217.17A, paragraph 9.

Otherwise, if the instruction is no longer required, it will be processed for cancellation as soon as the need for cancellation is known following the guidance in OPNAV Manual 5215.1 of May 2016.



R. A. BROWN

Releasability and distribution:

This instruction is cleared for public release and is available electronically only via COMNAVSURFPAC directive website,

<https://cpf.navy.deps.mil/sites/cnsp/Pages/Directives.aspx>

FUNCTIONS AND TASKS

1. Functions. COMSURFDEVRON ONE functions are to:

a. Conduct capability developmental operations in support of fleet commander and surface force warfighting requirements.

b. Coordinate and support fleet transition, integration, and operation of medium and large unmanned surface vessels.

c. Act as immediate-superior-in-command (ISIC) and execute administrative responsibility for assigned ships and unmanned surface vessels.

d. Perform other functions and tasks as assigned by higher authority.

2. Tasks. COMSURFDEVRON ONE tasks, organized by function, are:

a. Capability development operations

(1) Collaborate across the Naval Research and Development Establishment to inform and accelerate experimentation, prototyping, and acquisition efforts and timelines.

(2) Support, conduct, or broker experimentation and demonstration events in an operational environment.

(3) Support and coordinate post-mission analysis efforts to determine warfighting applicability.

(4) Identify emerging technology to mitigate fleet warfighting gaps. Evaluate capability development proposals and forward recommendations to the type commander and numbered fleet commander.

(5) Support SMWDC in identifying and leveraging opportunities to highlight warfighting gaps to develop future surface force capabilities.

(6) Support the type commander and numbered fleet commander in identifying and prioritizing warfighting capability gaps.

(7) Provide surface force capability programming and resource recommendations to the type commander and other applicable stakeholders to integrate new capabilities and refine requirements.

(8) Perform capability development operations at all classification levels including Top Secret/Special Compartmented Information/Special Access Programs/Special Access Required.

b. Unmanned surface vessel fleet transition, integration, and operations

(1) Function as the operational commander in the surface force for medium and large unmanned surface vessel development leading to a fleet operational capability.

(2) Coordinate tests, evaluations, and equipment certifications for assigned unmanned surface vessels.

(3) Operate, maintain, and deploy assigned unmanned surface vessels. Lead or support the preparation of plans, schedules, directives, and reports in support of assigned missions.

(4) Support development of doctrine, operating guidelines, tactical employment guidance, and training products for medium and large unmanned surface vessels.

(5) Collaborate with SMWDC and other organizations as required to develop tactics, techniques, and procedures for medium and large unmanned surface vessels employment.

(6) Serve as certification authority for medium and large unmanned surface vessel operator qualifications.

(7) Serve as the reviewing authority to verify medium and large unmanned surface vessel operations meet safety, security, and mission requirements.

c. ISIC for assigned ships and unmanned surface vessels

(1) Exercise administrative control and provide administrative support to assigned ships and unmanned surface vessels.

(2) Provide oversight of personnel, training, material readiness, and supply for assigned ships and unmanned surface vessels.

(3) Provide logistical support to and oversight of assigned ships and unmanned surface vessels.

(4) Maintain ships and unmanned surface vessels at appropriate material readiness using assigned fleet maintenance activities and other supporting organizations.

(5) Provide input to the type commander and numbered fleet commander for scheduling assigned ships and unmanned surface vessels.

(6) Assess readiness of assigned ships and unmanned surface vessels to operate in support of assigned missions.

(7) Provide reports and make recommendations to the type commander and numbered fleet commander concerning readiness of assigned ships and unmanned surface vessels.

(8) Liaise with other commanders as required to ensure maximum benefit from operations and personnel, training, material, and supply support.

(9) Develop and manage travel, transportation, and operating and maintenance budgets as required.